

RFQ
for
A MASTER AGREEMENT
FOR
WATER FEATURE DESIGN CONSULTANT

SET OF REFERENCE DRAWINGS
FOR
EXISTING
CAESER CHAVEZ WATER FOUNTAIN
PLUMBING DETAILS

PLUMBING NOTES

ELECTRICAL NOTES

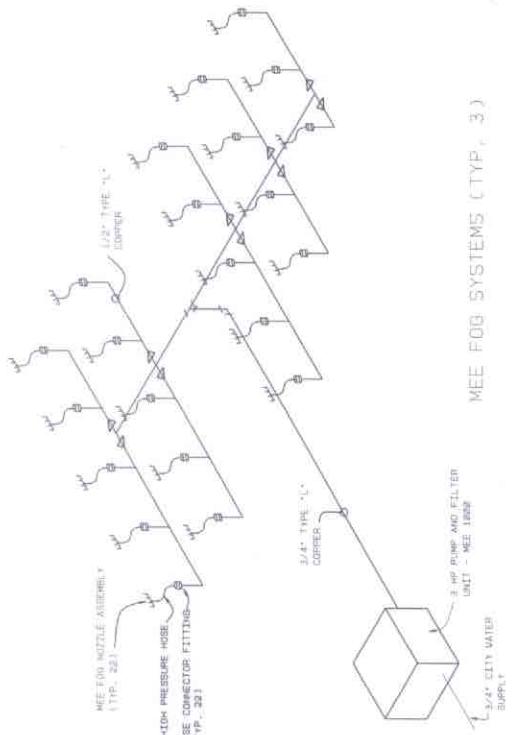
1.	Check all piping lines for bends, kinks, and sharp turns. If any are found, they must be corrected by straightening or bending the pipe.
2.	Check all piping lines for tightness and security at all joints, fittings, valves, and supports. All joints must be tight and secure.
3.	Check all piping lines for proper slope and drainage. All piping lines must have a minimum slope of 1/4 inch per foot to allow for proper drainage.
4.	Check all piping lines for proper support. All piping lines must be supported every 4 feet to prevent sagging and vibration.
5.	Check all piping lines for proper insulation. All piping lines must be insulated to prevent heat loss and to protect against freezing.
6.	Check all piping lines for proper valve placement. All valves must be placed in the correct locations to control flow and pressure.
7.	Check all piping lines for proper fittings. All fittings must be properly sized and correctly installed to ensure proper flow and pressure.
8.	Check all piping lines for proper pipe size. All piping lines must be the correct size to handle the required flow and pressure.
9.	Check all piping lines for proper pipe material. All piping lines must be made of the correct material to withstand the required pressures and temperatures.
10.	Check all piping lines for proper pipe thickness. All piping lines must be the correct thickness to withstand the required pressures and temperatures.
11.	Check all piping lines for proper pipe joints. All joints must be properly sealed to prevent leaks.
12.	Check all piping lines for proper pipe supports. All supports must be properly spaced and correctly installed to prevent sagging and vibration.
13.	Check all piping lines for proper pipe insulation. All insulation must be properly applied to prevent heat loss and to protect against freezing.
14.	Check all piping lines for proper pipe valves. All valves must be properly sized and correctly installed to control flow and pressure.
15.	Check all piping lines for proper pipe fittings. All fittings must be properly sized and correctly installed to ensure proper flow and pressure.
16.	Check all piping lines for proper pipe material. All piping lines must be made of the correct material to withstand the required pressures and temperatures.
17.	Check all piping lines for proper pipe thickness. All piping lines must be the correct thickness to withstand the required pressures and temperatures.
18.	Check all piping lines for proper pipe joints. All joints must be properly sealed to prevent leaks.
19.	Check all piping lines for proper pipe supports. All supports must be properly spaced and correctly installed to prevent sagging and vibration.
20.	Check all piping lines for proper pipe insulation. All insulation must be properly applied to prevent heat loss and to protect against freezing.

SYMBOL KEY

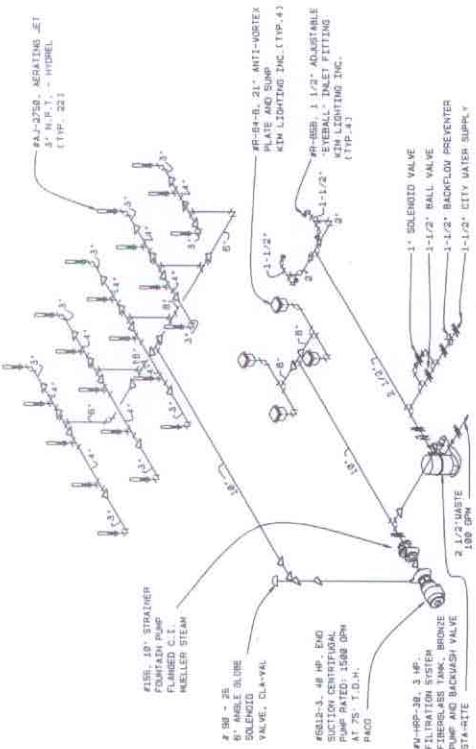


ABBREVIATIONS

ALTERNATING CURRENT	AC	GALVANIZED IRON GROUND FAULT CIRCUIT INTERRUPTER	GFI
AMBER STANDARDS ASSOCIATION	ASA	HAND-OFF-AUTO	GFCI
AMERICAN WIKE GAGE	AWG	HERTZ	HZ/HZ
AMPERE	AMP	HORSEPOWER	H.P.
APPROXIMATE	APPROX	INCH	IN.
ARCHITECTURE	ARCH	INSIDE DIAMETER	INFO
BETWEEN CENTERS	BC	INSTALL, INSTALLATION	INSTL
BLUE	BC	JUNCTION BOX	J-BOX
BOLT, CIRCLE	BHP	KILOWATT	KVA
BRAKE HORSEPOWER	BHP/BHP	KW	T.D.H.
BRONZE	CL	LENGTH	XNFR
CENTER LINE	CL TO C	OVER-ALL	LG.
CENTER TO CENTER	CKT	Maintenance	LOA
CIRCUIT BREAKER	CKT BKR	MANUFACTURE	MAN
CITY WATER SUPPLY	CHS	MATERIAL	MATL
CONDUIT	CNS	NATIONAL BUREAU OF STANDARDS	NBS
CONCRETE	CFM	NATIONAL COARSE THREAD	NC
CUBIC FEET PER MINUTE	CFM	NATIONAL ELECTRICAL CODE	NEC
DETAIL	DET	NATIONAL ELECTRICAL MANUFACTURERS	NEMA
DIAMETER	DIA	NATIONAL FINE THREAD	NFT
DOUBLE POLE DOUBLE THROU	DPOT	NATIONAL TAPER PIPE THREAD	NTPT
DOUBLE POLE SINGLE THROU	DPST	NORMALLY CLOSED	NC
DOUBLE THRU	DT	NORMALLY OPEN	NO
EFFICIENCY	DUG	NOT TO SCALE	NT.S.
ELECTRIC EQUIPMENT	EFF	OUTSIDE DIAMETER	OD
FAIRFIELD FLOOR	ELEC	PHASE	PH/Pn
FINISH FLOOR	EQUIP	POINT	PSI
FLANGE	F	POUNDS PER SQUARE INCH	R/RAD.
GALLONS PER MINUTE	FIN-FLR.	RADIUS	R.B.P.
GALVANIZED	GPM	RED	REC.
	GALV	RED BRASS PIPE	



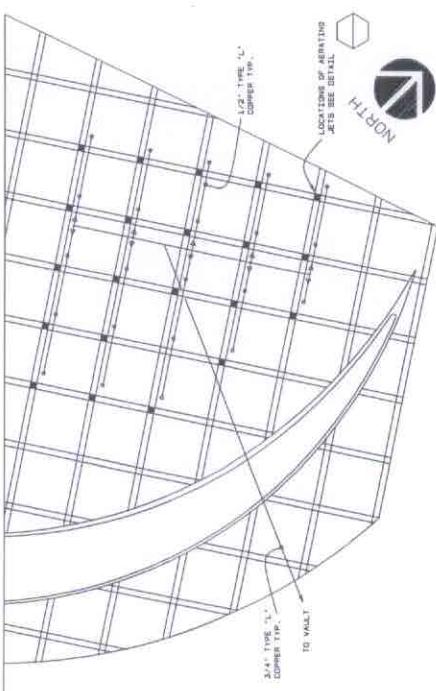
② FOG SYSTEM PLUMBING SCHEMATIC
SCALE : 1:100



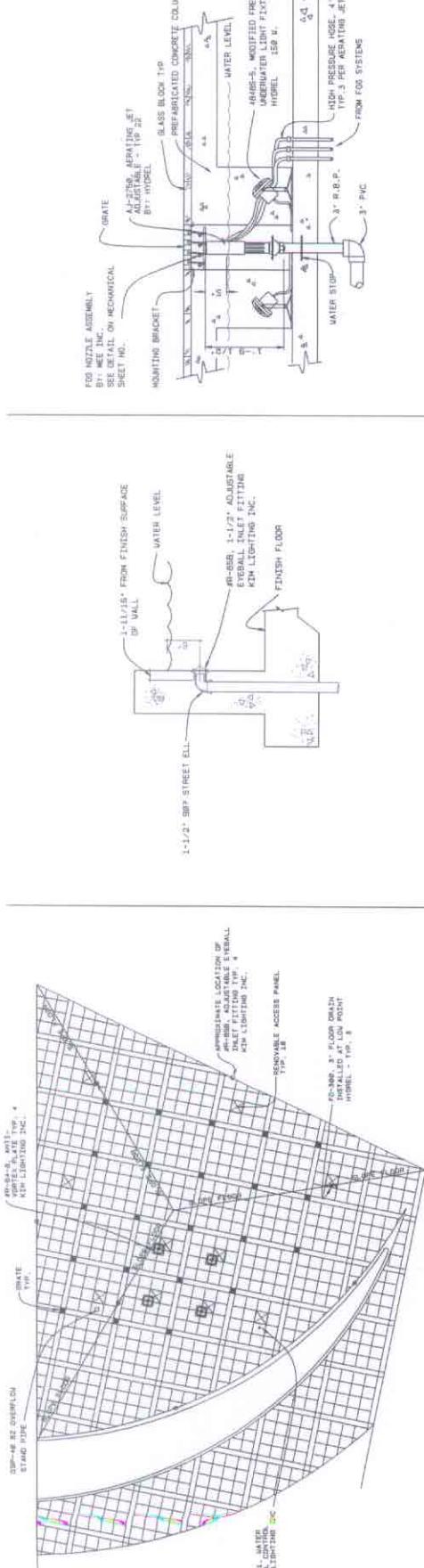
① FOUNTAIN PLUMBING SCHEMATIC
SCALE : 1:100



③ PLUMBING PLAN FOR AERATORS
SCALE : 1:100 ± 1'-0"



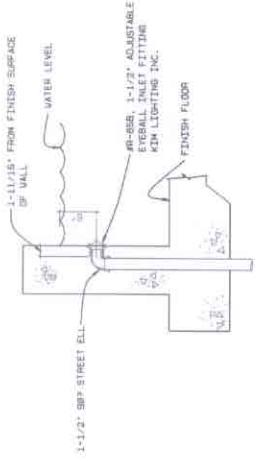
④ PLUMBING PLAN FOR FOG JETS
SCALE : 1:100 ± 1'-0"



(1) MECHANICAL PLAN VIEW

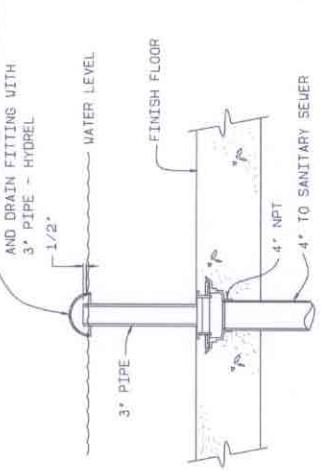
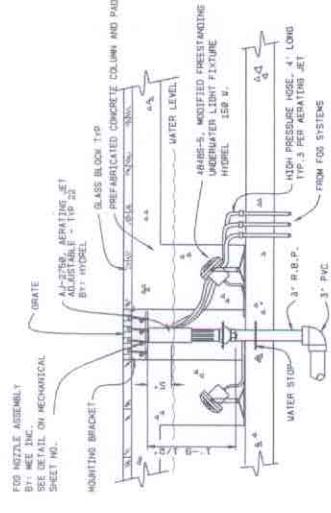
(2) R-85-B EYEBALL INLET

SCALE : 1/2"=1'-0"



(3) SECTION THRU TYPICAL WATER FEATURE

SCALE : 1" = 1'-0"

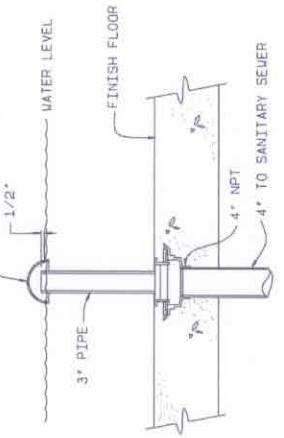


(5) OSP-40 STANDPIPE

SCALE : 1" = 1'-0"

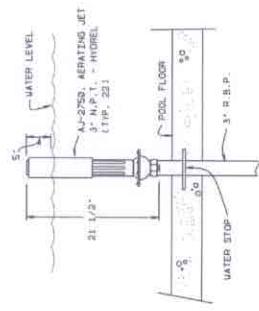
(6) R-84-B ANTI-VORTEX PLATE

SCALE : 1/2" = 1'-0"

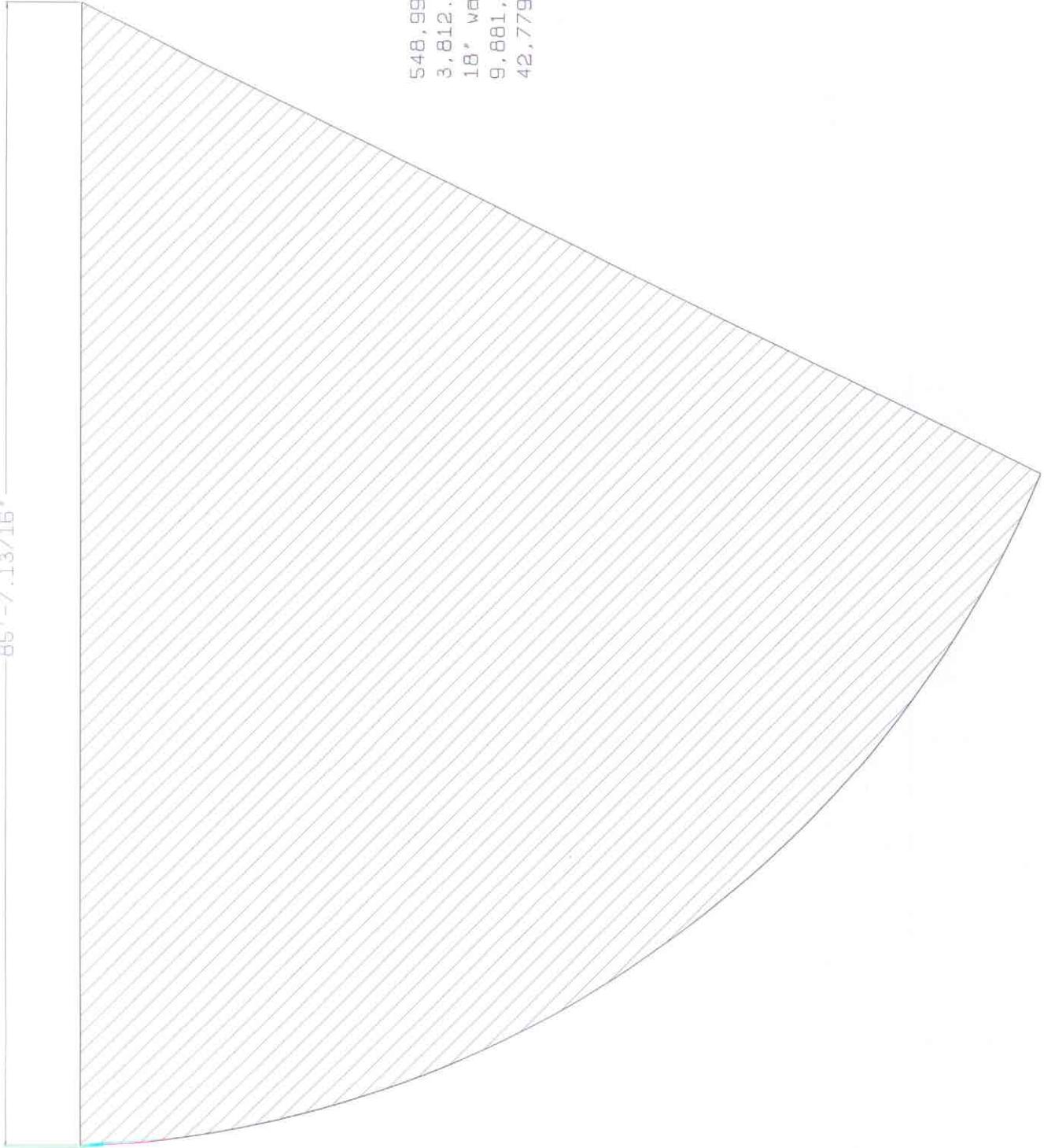


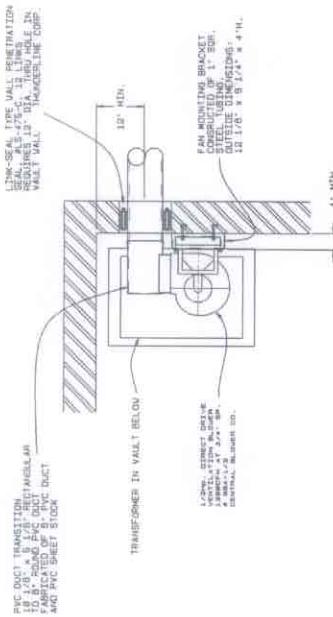
(7) AU-2750 AERATING JET

SCALE : 1/2" = 1'-0"



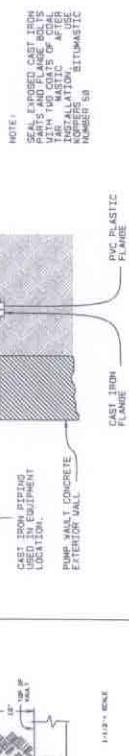
85'-7.13/16"





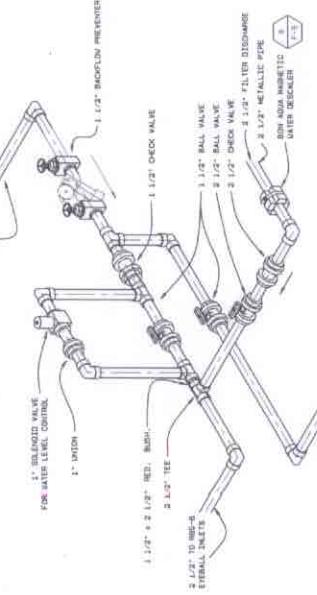
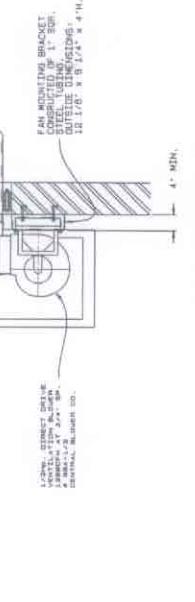
(2) UNDERGROUND PIPING TRANSITION

SCALE : HOME



(3) VENTILATION FAN DETAIL

SCALE : 1" = 1'-0"

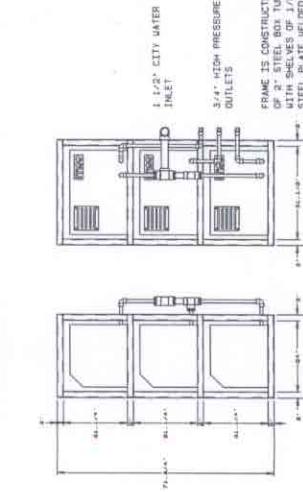


(4) INLET PLUMBING DETAIL

SCALE : HOME

(5) SUMP PUMP DETAIL

SCALE : 1" = 1'-0"



(6) FOG PUMP RACK DETAIL

SCALE : 1'-0"



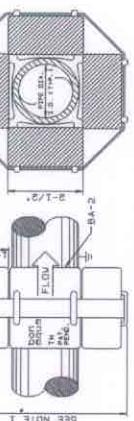
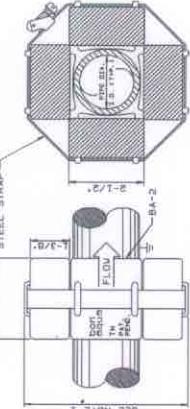
(7) BON AQUA INSTALLATION

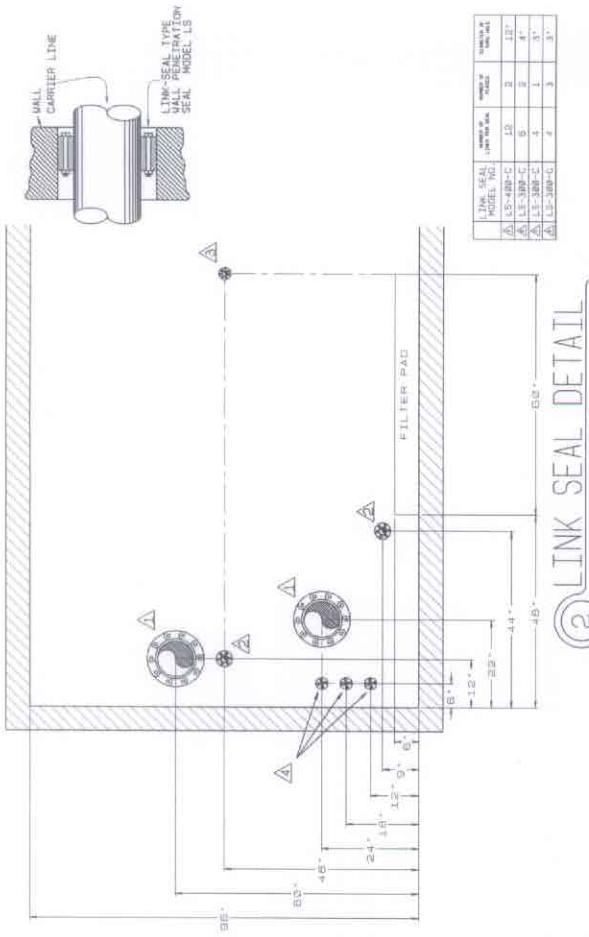
SCALE : HOME



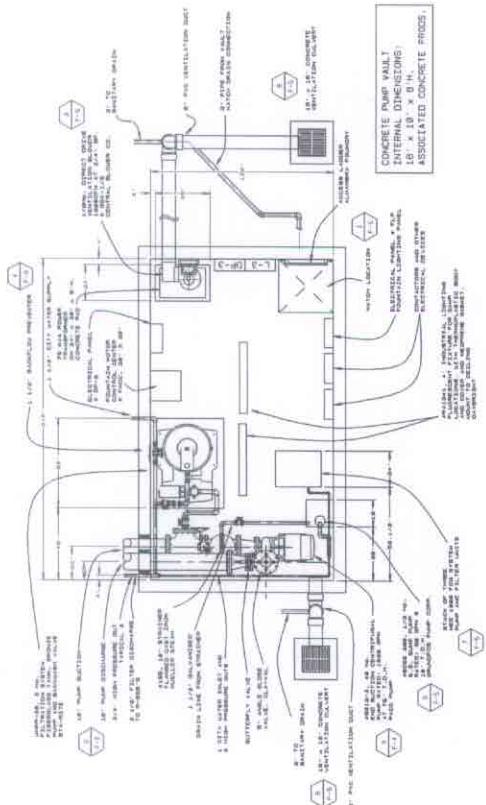
(8) END VIEW

SCALE : 1" = 1'-0"

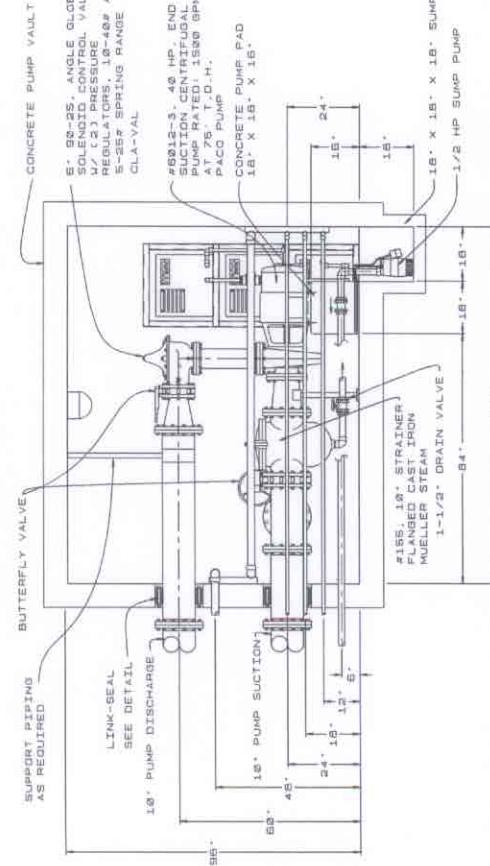




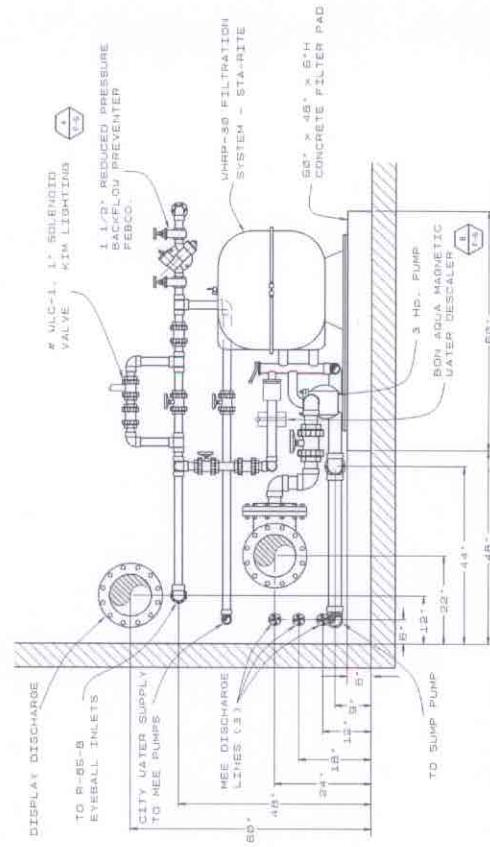
② LINK SEAL DETAIL
SCALE : 1" = 1'-0"



① PUMP VAULT PLAN
SCALE : 3/8" = 1'-0"



③ PUMP VAULT SECTION THRU PUMP



④ PUMP VAULT SECTION THRU FILTER

